



SEQUENCE LISTING

<110> Zheleva, Daniella I  
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McInnes, Campbell  
Andrews, Martin JI  
Chan, Weng C  
Atkinson, Gail E

<120> p21 Peptides

<130> CCI-014

<140> US 09/726,470

<141> 2000-11-29

<150> GB 9928323.6

<151> 1999-11-30

<160> 275

<170> PatentIn Ver. 2.1

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peptide

<400> 1

Asp Phe Tyr His Ser Lys Arg Arg Leu Ile Phe  
1 5 10

<210> 2

<211> 8

<212> PRT

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peptide

<220>

<221> SITE

<222> 1, 3, 5, 7

<223> Xaa is any amino acid

<220>

<221> SITE

<222> (2)

<223> Xaa is Ser or Ala

<400> 2

Xaa Xaa Xaa Arg Xaa Leu Xaa Phe  
1 5

<210> 3  
<211> 8  
<212> PRT  
<213> Artificial Sequence

<220>  
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<220>  
<221> SITE  
<222> (2)  
<223> Xaa may be Ser or Ala or a straight or branched chain amino

<220>  
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<222> (7)  
<223> Xaa may be any amino acid

<400> 3  
His Xaa Lys Arg Arg Leu Xaa Phe  
1 5

<210> 4  
<211> 12  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: p21 derived peptide

<400> 4  
Asp Phe Tyr His Ser Lys Arg Arg Leu Ile Phe Ser  
1 5 10

<210> 5  
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<212> PRT  
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<220>  
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<400> 5  
Thr Asp Phe Tyr His Ser Lys Arg Arg Leu Ile Phe  
1 5 10

<210> 6  
<211> 12  
<212> PRT  
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<220>  
<223> Description of Artificial Sequence: p21 derived peptide

<400> 6

Ala Phe Tyr His Ser Lys Arg Arg Leu Ile Phe Ser  
1 5 10

<210> 7

<211> 12

<212> PRT

<213> Artificial Sequence

<220>

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peptide

<400> 7

Asp Ala Tyr His Ser Lys Arg Arg Leu Ile Phe Ser  
1 5 10

<210> 8

<211> 12

<212> PRT

<213> Artificial Sequence

<220>

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peptide

<400> 8

Asp Phe Ala His Ser Lys Arg Arg Leu Ile Phe Ser  
1 5 10

<210> 9

<211> 12

<212> PRT

<213> Artificial Sequence

<220>

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peptide

<400> 9

Asp Phe Tyr Ala Ser Lys Arg Arg Leu Ile Phe Ser  
1 5 10

<210> 10

<211> 12

<212> PRT

<213> Artificial Sequence

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peptide

<400> 10

Asp Phe Tyr His Ala Lys Arg Arg Leu Ile Phe Ser  
1 5 10

<210> 11  
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<220>  
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<400> 11  
Asp Phe Tyr His Ser Ala Arg Arg Leu Ile Phe Ser  
1 5 10

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<212> PRT  
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<220>  
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peptide

<400> 12  
Asp Phe Tyr His Ser Lys Arg Ala Leu Ile Phe Ser  
1 5 10

<210> 13  
<211> 12  
<212> PRT  
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<220>  
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peptide

<400> 13  
Asp Phe Tyr His Ser Lys Arg Arg Leu Ala Phe Ser  
1 5 10

<210> 14  
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peptide

<400> 14  
Asp Phe Tyr His Ser Lys Arg Arg Leu Ile Phe Ala  
1 5 10

<210> 15  
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<212> PRT  
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<220>

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<400> 15

Phe Tyr His Ser Lys Arg Arg Leu Ile Phe Ser  
1 5 10

<210> 16

<211> 10

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<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: p21 derived peptide

<400> 16

Tyr His Ser Lys Arg Arg Leu Ile Phe Ser  
1 5 10

<210> 17

<211> 9

<212> PRT

<213> Artificial Sequence

<220>

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<400> 17

His Ser Lys Arg Arg Leu Ile Phe Ser  
1 5

<210> 18

<211> 11

<212> PRT

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<400> 18

Asp Phe Tyr His Ser Lys Arg Arg Leu Ile Phe  
1 5 10

<210> 19

<211> 10

<212> PRT

<213> Artificial Sequence

<220>

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<400> 19

Phe Tyr His Ser Lys Arg Arg Leu Ile Phe  
1 5 10

<210> 20

<211> 9

<212> PRT

<213> Artificial Sequence

<220>

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peptide

<400> 20

Tyr His Ser Lys Arg Arg Leu Ile Phe  
1 5

<210> 21

<211> 8

<212> PRT

<213> Artificial Sequence

<220>

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peptide

<400> 21

His Ser Lys Arg Arg Leu Ile Phe  
1 5

<210> 22

<211> 7

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: p21 derived  
peptide

<400> 22

Ser Lys Arg Arg Leu Ile Phe  
1 5

<210> 23

<211> 6

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: p21 derived  
peptide

<400> 23

Lys Arg Arg Leu Ile Phe  
1 5

<210> 24  
<211> 4  
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<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: p21 derived peptide

<220>  
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<400> 24  
Arg Leu Ile Phe  
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<210> 25  
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<220>  
<223> Description of Artificial Sequence: p21 derived peptide

<220>  
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<400> 25  
Arg Arg Leu Ile Phe  
1 5

<210> 26  
<211> 6  
<212> PRT  
<213> Artificial Sequence

<220>  
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<220>  
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<400> 26  
Lys Arg Arg Leu Ile Phe  
1 5

<210> 27  
<211> 7  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: p21 derived

peptide

<220>

<223> Synthesised with free amino terminus and as the  
C-terminal carboxamide

<400> 27

Ala Lys Arg Arg Leu Ile Phe  
1 5

<210> 28

<211> 8

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: p21 derived  
peptide

<220>

<223> Synthesised with free amino terminus and as the  
C-terminal carboxamide

<400> 28

His Ala Lys Arg Arg Leu Ile Phe  
1 5

<210> 29

<211> 4

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: p21 derived  
peptide

<220>

<223> Synthesised with free amino terminus and as the  
C-terminal carboxamide

<400> 29

Asn Leu Phe Gly  
1

<210> 30

<211> 5

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: p21 derived  
peptide

<220>

<223> Synthesised with free amino terminus and as the  
C-terminal carboxamide

<400> 30



Arg Asn Leu Phe Gly  
1 5

<210> 31  
<211> 6  
<212> PRT  
<213> Artificial Sequence

<220>  
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<220>  
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<220>  
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<222> (1)  
<223> Abu

<400> 31  
Xaa Arg Asn Leu Phe Gly  
1 5

<210> 32  
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<220>  
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<220>  
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<220>  
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<222> (2)  
<223> Abu

<400> 32  
Ala Xaa Arg Asn Leu Phe Gly  
1 5

<210> 33  
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<220>  
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C-terminal carboxamide

<220>

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<222> (3)

<223> Abu

<400> 33

Ser Ala Xaa Arg Asn Leu Phe Gly

1

5

<210> 34

<211> 8

<212> PRT

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<220>

<223> Description of Artificial Sequence: p21 derived peptide

<400> 34

His Ser Lys Arg Arg Leu Ile Phe

1

5

<210> 35

<211> 8

<212> PRT

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<220>

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<400> 35

His Ala Lys Arg Arg Leu Ile Phe

1

5

<210> 36

<211> 8

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: p21 derived peptide

<400> 36

His Ser Lys Arg Arg Leu Phe Gly

1

5

<210> 37

<211> 8

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: p21 derived peptide

<400> 37

His Ala Lys Arg Arg Leu Phe Gly  
1 5

<210> 38

<211> 8

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: p21 derived peptide

<400> 38

Lys Ala Cys Arg Arg Leu Phe Gly  
1 5

<210> 39

<211> 8

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: p21 derived peptide

<400> 39

Lys Ala Cys Arg Arg Leu Ile Phe  
1 5

<210> 40

<211> 8

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: p21 derived peptide

<220>

<223> Synthesised with free amino terminus and as the C-terminal carboxamide

<400> 40

Ala Ala Lys Arg Arg Leu Ile Phe  
1 5

<210> 41

<211> 7

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: p21 derived

## peptide

&lt;220&gt;

<223> Synthesised with free amino terminus and as the  
C-terminal carboxamide

&lt;400&gt; 41

Ala Lys Arg Arg Leu Ile Phe  
1 5

&lt;210&gt; 42

&lt;211&gt; 8

&lt;212&gt; PRT

&lt;213&gt; Artificial Sequence

&lt;220&gt;

<223> Description of Artificial Sequence: p21 derived  
peptide

&lt;220&gt;

<223> Synthesised with free amino terminus and as the  
C-terminal carboxamide

&lt;220&gt;

&lt;221&gt; SITE

&lt;222&gt; (1)

&lt;223&gt; Xaa = 3-Pyridylalanine

&lt;400&gt; 42

Xaa Ala Lys Arg Arg Leu Ile Phe  
1 5

&lt;210&gt; 43

&lt;211&gt; 8

&lt;212&gt; PRT

&lt;213&gt; Artificial Sequence

&lt;220&gt;

<223> Description of Artificial Sequence: p21 derived  
peptide

&lt;220&gt;

<223> Synthesised with free amino terminus and as the  
C-terminal carboxamide

&lt;220&gt;

&lt;221&gt; SITE

&lt;222&gt; (1)

&lt;223&gt; Xaa = 2-Thienylalanine

&lt;400&gt; 43

Xaa Ala Lys Arg Arg Leu Ile Phe  
1 5

&lt;210&gt; 44

&lt;211&gt; 8

&lt;212&gt; PRT

&lt;213&gt; Artificial Sequence

<220>  
<223> Description of Artificial Sequence: p21 derived peptide

<220>  
<223> Synthesised with free amino terminus and as the C-terminal carboxamide

<220>  
<221> SITE  
<222> (1)  
<223> Xaa = Homoserine

<400> 44  
Xaa Ala Lys Arg Arg Leu Ile Phe  
1 5

<210> 45  
<211> 8  
<212> PRT  
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<220>  
<223> Description of Artificial Sequence: p21 derived peptide

<220>  
<223> Synthesised with free amino terminus and as the C-terminal carboxamide

<400> 45  
Phe Ala Lys Arg Arg Leu Ile Phe  
1 5

<210> 46  
<211> 8  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: p21 derived peptide

<220>  
<223> Synthesised with free amino terminus and as the C-terminal carboxamide

<220>  
<221> SITE  
<222> (1)  
<223> Xaa = 1,3-Diaminobutyric acid

<400> 46  
Xaa Ala Lys Arg Arg Leu Ile Phe  
1 5

<210> 47

<211> 8  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: p21 derived peptide

<220>  
<223> Synthesised with free amino terminus and as the C-terminal carboxamide

<400> 47  
His Gly Lys Arg Arg Leu Ile Phe  
1 5

<210> 48  
<211> 8  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: p21 derived peptide

<220>  
<223> Synthesised with free amino terminus and as the C-terminal carboxamide

<220>  
<221> MOD\_RES  
<222> (2)  
<223> Abu

<400> 48  
His Xaa Lys Arg Arg Leu Ile Phe  
1 5

<210> 49  
<211> 8  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: p21 derived peptide

<220>  
<223> Synthesised with free amino terminus and as the C-terminal carboxamide

<220>  
<221> MOD\_RES  
<222> (2)  
<223> Nva

<400> 49  
His Xaa Lys Arg Arg Leu Ile Phe  
1 5

<210> 50  
<211> 8  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: p21 derived peptide

<220>  
<223> Synthesised with free amino terminus and as the C-terminal carboxamide

<220>  
<221> SITE  
<222> (2)  
<223> Xaa = t-Butylglycine

<400> 50  
His Xaa Lys Arg Arg Leu Ile Phe  
1 5

<210> 51  
<211> 8  
<212> PRT  
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<220>  
<223> Description of Artificial Sequence: p21 derived peptide

<220>  
<223> Synthesised with free amino terminus and as the C-terminal carboxamide

<400> 51  
His Val Lys Arg Arg Leu Ile Phe  
1 5

<210> 52  
<211> 8  
<212> PRT  
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<220>  
<223> Description of Artificial Sequence: p21 derived peptide

<220>  
<223> Synthesised with free amino terminus and as the C-terminal carboxamide

<400> 52  
His Ile Lys Arg Arg Leu Ile Phe  
1 5

<210> 53  
<211> 8  
<212> PRT  
<213> Artificial Sequence

<220>  
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<220>  
<223> Synthesised with free amino terminus and as the C-terminal carboxamide

<220>  
<221> SITE  
<222> (2)  
<223> Xaa = Phenylglycine

<400> 53  
His Xaa Lys Arg Arg Leu Ile Phe  
1 5

<210> 54  
<211> 8  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: p21 derived peptide

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<223> Synthesised with free amino terminus and as the C-terminal carboxamide

<400> 54  
His Phe Lys Arg Arg Leu Ile Phe  
1 5

<210> 55  
<211> 8  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: p21 derived peptide

<220>  
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<400> 55  
His Ala Lys Arg Arg Leu Ile Phe  
1 5

<210> 56  
<211> 8



<212> PRT  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: p21 derived peptide

<220>  
<223> Synthesised with free amino terminus and as the C-terminal carboxamide

<400> 56  
His Ala Ala Arg Arg Leu Ile Phe  
1 5

<210> 57  
<211> 8  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: p21 derived peptide

<220>  
<223> Synthesised with free amino terminus and as the C-terminal carboxamide

<220>  
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<222> (3)  
<223> Nle

<400> 57  
His Ala Xaa Arg Arg Leu Ile Phe  
1 5

<210> 58  
<211> 8  
<212> PRT  
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<220>  
<223> Description of Artificial Sequence: p21 derived peptide

<220>  
<223> Synthesised with free amino terminus and as the C-terminal carboxamide

<220>  
<221> MOD\_RES  
<222> (3)  
<223> Abu

<400> 58  
His Ala Xaa Arg Arg Leu Ile Phe  
1 5

<210> 59  
<211> 8  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: p21 derived peptide

<220>  
<223> Synthesised with free amino terminus and as the C-terminal carboxamide

<400> 59  
His Ala Leu Arg Arg Leu Ile Phe  
1 5

<210> 60  
<211> 8  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: p21 derived peptide

<220>  
<223> Synthesised with free amino terminus and as the C-terminal carboxamide

<400> 60  
His Ala Arg Arg Arg Leu Ile Phe  
1 5

<210> 61  
<211> 8  
<212> PRT  
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<220>  
<223> Description of Artificial Sequence: p21 derived peptide

<220>  
<223> Synthesised with free amino terminus and as the C-terminal carboxamide

<400> 61  
His Ala Lys Ala Arg Leu Ile Phe  
1 5

<210> 62  
<211> 8  
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<220>

<223> Description of Artificial Sequence: p21 derived peptide

<220>

<223> Synthesised with free amino terminus and as the C-terminal carboxamide

<220>

<221> SITE

<222> (4)

<223> Xaa = Citrulline

<400> 62

His Ala Lys Xaa Arg Leu Ile Phe  
1 5

<210> 63

<211> 8

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: p21 derived peptide

<220>

<223> Synthesised with free amino terminus and as the C-terminal carboxamide

<220>

<221> SITE

<222> (4)

<223> Xaa = Homoserine

<400> 63

His Ala Lys Xaa Arg Leu Ile Phe  
1 5

<210> 64

<211> 8

<212> PRT

<213> Artificial Sequence

<220>

<223> Synthesised with free amino terminus and as the C-terminal carboxamide

<220>

<223> Description of Artificial Sequence: p21 derived peptide

<400> 64

His Ala Lys His Arg Leu Ile Phe  
1 5

<210> 65

<211> 8

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: p21 derived peptide

<220>

<223> Synthesised with free amino terminus and as the C-terminal carboxamide

<220>

<221> MOD\_RES

<222> (4)

<223> Nle

<400> 65

His Ala Lys Xaa Arg Leu Ile Phe  
1 5

<210> 66

<211> 8

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: p21 derived peptide

<220>

<223> Synthesised with free amino terminus and as the C-terminal carboxamide

<400> 66

His Ala Lys Gln Arg Leu Ile Phe  
1 5

<210> 67

<211> 8

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: p21 derived peptide

<220>

<223> Synthesised with free amino terminus and as the C-terminal carboxamide

<400> 67

His Ala Lys Lys Arg Leu Ile Phe  
1 5

<210> 68

<211> 8

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: p21 derived peptide

<220>

<223> Synthesised with free amino terminus and as the C-terminal carboxamide

<400> 68

His Ala Lys Arg Ala Leu Ile Phe  
1 5

<210> 69

<211> 8

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: p21 derived peptide

<220>

<223> Synthesised with free amino terminus and as the C-terminal carboxamide

<400> 69

His Ala Lys Arg Asn Leu Ile Phe  
1 5

<210> 70

<211> 8

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: p21 derived peptide

<220>

<223> Synthesised with free amino terminus and as the C-terminal carboxamide

<400> 70

His Ala Lys Arg Pro Leu Ile Phe  
1 5

<210> 71

<211> 8

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: p21 derived peptide

<220>

<223> Synthesised with free amino terminus and as the C-terminal carboxamide

<400> 71  
His Ala Lys Arg Ser Leu Ile Phe  
1 5

<210> 72  
<211> 8  
<212> PRT  
<213> Artificial Sequence

<220>  
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<220>  
<223> Synthesised with free amino terminus and as the C-terminal carboxamide

<220>  
<221> SITE  
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<223> Xaa = Aminoisobutyric acid

<400> 72  
His Ala Lys Arg Xaa Leu Ile Phe  
1 5

<210> 73  
<211> 8  
<212> PRT  
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<220>  
<223> Description of Artificial Sequence: p21 derived peptide

<220>  
<223> Synthesised with free amino terminus and as the C-terminal carboxamide

<220>  
<221> MOD\_RES  
<222> (5)  
<223> MeGly

<400> 73  
His Ala Lys Arg Xaa Leu Ile Phe  
1 5

<210> 74  
<211> 8  
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<220>  
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<223> Synthesised with free amino terminus and as the  
C-terminal carboxamide

<220>

<221> SITE

<222> (5)

<223> Xaa = Citrulline

<400> 74

His Ala Lys Arg Xaa Leu Ile Phe  
1 5

<210> 75

<211> 8

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: p21 derived  
peptide

<220>

<223> Synthesised with free amino terminus and as the  
C-terminal carboxamide

<400> 75

His Ala Lys Arg Arg Leu Ile Phe  
1 5

<210> 76

<211> 8

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: p21 derived  
peptide

<220>

<223> Synthesised with free amino terminus and as the  
C-terminal carboxamide

<400> 76

His Ala Lys Arg Arg Ala Ile Phe  
1 5

<210> 77

<211> 8

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: p21 derived  
peptide

<220>

<223> Synthesised with free amino terminus and as the

## C-terminal carboxamide

&lt;220&gt;

&lt;221&gt; SITE

&lt;222&gt; (6)

&lt;223&gt; Xaa = D-Leu

&lt;400&gt; 77

His Ala Lys Arg Arg Xaa Ile Phe

1

5

&lt;210&gt; 78

&lt;211&gt; 8

&lt;212&gt; PRT

&lt;213&gt; Artificial Sequence

&lt;220&gt;

&lt;223&gt; Description of Artificial Sequence: p21 derived peptide

&lt;220&gt;

&lt;223&gt; Synthesised with free amino terminus and as the C-terminal carboxamide

&lt;400&gt; 78

His Ala Lys Arg Arg Ile Ile Phe

1

5

&lt;210&gt; 79

&lt;211&gt; 8

&lt;212&gt; PRT

&lt;213&gt; Artificial Sequence

&lt;220&gt;

&lt;223&gt; Description of Artificial Sequence: p21 derived peptide

&lt;220&gt;

&lt;223&gt; Synthesised with free amino terminus and as the C-terminal carboxamide

&lt;400&gt; 79

His Ala Lys Arg Arg Val Ile Phe

1

5

&lt;210&gt; 80

&lt;211&gt; 8

&lt;212&gt; PRT

&lt;213&gt; Artificial Sequence

&lt;220&gt;

&lt;223&gt; Description of Artificial Sequence: p21 derived peptide

&lt;220&gt;

&lt;223&gt; Synthesised with free amino terminus and as the C-terminal carboxamide



<220>  
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<222> (6)  
<223> Nle

<400> 80  
His Ala Lys Arg Arg Xaa Ile Phe  
1 5

<210> 81  
<211> 8  
<212> PRT  
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<220>  
<223> Description of Artificial Sequence: p21 derived peptide

<220>  
<223> Synthesised with free amino terminus and as the C-terminal carboxamide

<220>  
<221> MOD\_RES  
<222> (6)  
<223> Nva

<400> 81  
His Ala Lys Arg Arg Xaa Ile Phe  
1 5

<210> 82  
<211> 8  
<212> PRT  
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<220>  
<223> Description of Artificial Sequence: p21 derived peptide

<220>  
<223> Synthesised with free amino terminus and as the C-terminal carboxamide

<220>  
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<222> (6)  
<223> Xaa = Cyclohexylalanine

<400> 82  
His Ala Lys Arg Arg Xaa Ile Phe  
1 5

<210> 83  
<211> 8  
<212> PRT  
<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: p21 derived peptide

<220>

<223> Synthesised with free amino terminus and as the C-terminal carboxamide

<400> 83

His Ala Lys Arg Arg Phe Ile Phe  
1 5

<210> 84

<211> 8

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: p21 derived peptide

<220>

<223> Synthesised with free amino terminus and as the C-terminal carboxamide

<220>

<221> SITE

<222> (6)

<223> Xaa = 1-Naphthylalanine

<400> 84

His Ala Lys Arg Arg Xaa Ile Phe  
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<210> 85

<211> 8

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: p21 derived peptide

<220>

<223> Synthesised with free amino terminus and as the C-terminal carboxamide

<400> 85

His Ala Lys Arg Arg Leu Ala Phe  
1 5

<210> 86

<211> 8

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: p21 derived

peptide

<220>

<223> Synthesised with free amino terminus and as the  
C-terminal carboxamide

<400> 86

His Ala Lys Arg Arg Leu Leu Phe  
1 5

<210> 87

<211> 8

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: p21 derived  
peptide

<220>

<223> Synthesised with free amino terminus and as the  
C-terminal carboxamide

<400> 87

His Ala Lys Arg Arg Leu Val Phe  
1 5

<210> 88

<211> 8

<212> PRT

<213> Artificial Sequence

<220>

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peptide

<220>

<223> Synthesised with free amino terminus and as the  
C-terminal carboxamide

<220>

<221> MOD\_RES

<222> (7)

<223> Nle

<400> 88

His Ala Lys Arg Arg Leu Xaa Phe  
1 5

<210> 89

<211> 8

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: p21 derived  
peptide

<220>

<223> Synthesised with free amino terminus and as the  
C-terminal carboxamide

<220>

<221> MOD\_RES

<222> (7)

<223> Nva

<400> 89

His Ala Lys Arg Arg Leu Xaa Phe  
1 5

<210> 90

<211> 8

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: p21 derived  
peptide

<220>

<223> Synthesised with free amino terminus and as the  
C-terminal carboxamide

<220>

<221> SITE

<222> (7)

<223> Xaa = Cyclohexylalanine

<400> 90

His Ala Lys Arg Arg Leu Xaa Phe  
1 5

<210> 91

<211> 8

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: p21 derived  
peptide

<220>

<223> Synthesised with free amino terminus and as the  
C-terminal carboxamide

<400> 91

His Ala Lys Arg Arg Leu Phe Phe  
1 5

<210> 92

<211> 8

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: p21 derived peptide

<220>

<221> SITE

<222> (7)

<223> Xaa = 1-Naphthylalanine

<220>

<223> Synthesised with free amino terminus and as the C-terminal carboxamide

<400> 92

His Ala Lys Arg Arg Leu Xaa Phe  
1 5

<210> 93

<211> 7

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: p21 derived peptide

<220>

<223> Synthesised with free amino terminus and as the C-terminal carboxamide

<400> 93

His Ala Lys Arg Arg Leu Phe  
1 5

<210> 94

<211> 8

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: p21 derived peptide

<220>

<223> Synthesised with free amino terminus and as the C-terminal carboxamide

<400> 94

His Ala Lys Arg Arg Leu Ile Phe  
1 5

<210> 95

<211> 8

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: p21 derived peptide

<220>  
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<400> 95  
 His Ala Lys Arg Arg Leu Ile Leu  
 1 5

<210> 96  
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<220>  
 <223> Description of Artificial Sequence: p21 derived  
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<220>  
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<220>  
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<400> 96  
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<210> 97  
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 <212> PRT  
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<220>  
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<220>  
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 C-terminal carboxamide

<220>  
 <221> SITE  
 <222> (8)  
 <223> Xaa = Homophenylalanine

<400> 97  
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 1 5

<210> 98  
 <211> 8  
 <212> PRT  
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<220>

<223> Description of Artificial Sequence: p21 derived peptide

<220>

<223> Synthesised with free amino terminus and as the C-terminal carboxamide

<400> 98

His Ala Lys Arg Arg Leu Ile Tyr  
1 5

<210> 99

<211> 8

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: p21 derived peptide

<220>

<223> Synthesised with free amino terminus and as the C-terminal carboxamide

<220>

<221> SITE

<222> (8)

<223> Xaa = p-Fluorophenylalanine

<400> 99

His Ala Lys Arg Arg Leu Ile Xaa  
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<210> 100

<211> 8

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: p21 derived peptide

<220>

<223> Synthesised with free amino terminus and as the C-terminal carboxamide

<220>

<221> SITE

<222> (8)

<223> Xaa = m-Fluorophenylalanine

<400> 100

His Ala Lys Arg Arg Leu Ile Xaa  
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<210> 101

<211> 8

<212> PRT  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: p21 derived peptide

<220>  
<223> Synthesised with free amino terminus and as the C-terminal carboxamide

<400> 101  
His Ala Lys Arg Arg Leu Ile Trp  
1 5

<210> 102  
<211> 8  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: p21 derived peptide

<220>  
<223> Synthesised with free amino terminus and as the C-terminal carboxamide

<220>  
<221> SITE  
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<223> Xaa = 1-Naphthylalanine

<400> 102  
His Ala Lys Arg Arg Leu Ile Xaa  
1 5

<210> 103  
<211> 8  
<212> PRT  
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<220>  
<223> Description of Artificial Sequence: p21 derived peptide

<220>  
<223> Synthesised with free amino terminus and as the C-terminal carboxamide

<220>  
<221> SITE  
<222> (8)  
<223> Xaa = 2-Naphthylalanine

<400> 103  
His Ala Lys Arg Arg Leu Ile Xaa  
1 5



<210> 104  
 <211> 8  
 <212> PRT  
 <213> Artificial Sequence

<220>  
 <223> Description of Artificial Sequence: p21 derived peptide

<220>  
 <223> Synthesised with free amino terminus and as the C-terminal carboxamide

<400> 104  
 His Ala Lys Arg Arg Leu Ile Lys  
 1 5

<210> 105  
 <211> 8  
 <212> PRT  
 <213> Artificial Sequence

<220>  
 <223> Description of Artificial Sequence: p21 derived peptide

<220>  
 <223> Synthesised with free amino terminus and as the C-terminal carboxamide

<220>  
 <221> SITE  
 <222> (8)  
 <223> Xaa = 1,2,3,4-Tetrahydroisoquinoline-3-carboxylic acid

<400> 105  
 His Ala Lys Arg Arg Leu Ile Xaa  
 1 5

<210> 106  
 <211> 8  
 <212> PRT  
 <213> Artificial Sequence

<220>  
 <223> Description of Artificial Sequence: p21 derived peptide

<220>  
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 <223> Xaa = L-Phenylserine

<400> 106  
 His Ala Lys Arg Arg Leu Ile Xaa  
 1 5

<210> 107  
<211> 8  
<212> PRT  
<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: p21 derived peptide

<220>

<221> SITE

<222> (8)

<223> Xaa = D-Phenylserine

<400> 107

His Ala Lys Arg Arg Leu Ile Xaa  
1 5

<210> 108

<211> 8

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: p21 derived peptide

<220>

<221> SITE

<222> (8)

<223> Xaa = L-Phenylserine

<400> 108

His Ser Lys Arg Arg Leu Ile Xaa  
1 5

<210> 109

<211> 8

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: p21 derived peptide

<220>

<221> SITE

<222> (8)

<223> Xaa = D-Phenylserine

<400> 109

His Ser Lys Arg Arg Leu Ile Xaa  
1 5

<210> 110

<211> 8

<212> PRT

<213> Artificial Sequence

<220>  
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peptide

<220>  
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<222> (8)  
<223> Xaa = L-O-Acetylphenylserine

<400> 110  
His Ala Lys Arg Arg Leu Ile Xaa  
1 5

<210> 111  
<211> 8  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: p21 derived  
peptide

<220>  
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<222> (8)  
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<400> 111  
His Ala Lys Arg Arg Leu Ile Xaa  
1 5

<210> 112  
<211> 8  
<212> PRT  
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<220>  
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peptide

<220>  
<221> SITE  
<222> (8)  
<223> Xaa = L-O-Acetylphenylserine

<400> 112  
His Ser Lys Arg Arg Leu Ile Xaa  
1 5

<210> 113  
<211> 8  
<212> PRT  
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<220>  
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peptide

<220>  
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<222> (8)  
<223> Xaa = D-O-Acetylphenylserine

<400> 113  
His Ser Lys Arg Arg Leu Ile Xaa  
1 5

<210> 114  
<211> 8  
<212> PRT  
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<220>  
<223> Description of Artificial Sequence: p21 derived  
peptide

<220>  
<221> SITE  
<222> (8)  
<223> Xaa = Dehydrophenylalanine

<400> 114  
His Ala Lys Arg Arg Leu Ile Xaa  
1 5

<210> 115  
<211> 8  
<212> PRT  
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<220>  
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peptide

<220>  
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<222> (8)  
<223> Xaa = Dehydrophenylalanine

<400> 115  
His Ser Lys Arg Arg Leu Ile Xaa  
1 5

<210> 116  
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<212> PRT  
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<220>  
<223> Description of Artificial Sequence: p21 derived  
peptide

<220>  
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<222> (8)

<223> Xaa = Phenylalaninol

<400> 116

His Ala Lys Arg Arg Leu Ile Xaa  
1 5

<210> 117

<211> 8

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: p21 derived peptide

<220>

<221> SITE

<222> (8)

<223> Xaa = Phenylalaninol

<400> 117

His Ser Lys Arg Arg Leu Ile Xaa  
1 5

<210> 118

<211> 8

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: p21 derived peptide

<220>

<223> Synthesised with free amino terminus and as the C-terminal carboxamide

<220>

<221> MOD\_RES

<222> (3)

<223> Abu

<220>

<221> SITE

<222> (8)

<223> p-Fluorophenylalanine

<400> 118

Ala Ala Xaa Arg Arg Leu Ile Xaa  
1 5

<210> 119

<211> 8

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: p21 derived

peptide

<220>

<223> Synthesised with free amino terminus and as the  
C-terminal carboxamide

<220>

<221> SITE

<222> (8)

<223> p-Fluorophenylalanine

<400> 119

Ala Ala Lys Arg Arg Leu Ile Xaa  
1 5

<210> 120

<211> 8

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: p21 derived  
peptide

<220>

<223> Synthesised with free amino terminus and as the  
C-terminal carboxamide

<220>

<221> SITE

<222> (5)

<223> Xaa = Citrulline

<220>

<221> SITE

<222> (8)

<223> p-Fluorophenylalanine

<400> 120

Ala Ala Lys Arg Xaa Leu Ile Xaa  
1 5

<210> 121

<211> 8

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: p21 derived  
peptide

<220>

<223> Synthesised with free amino terminus and as the  
C-terminal carboxamide

<220>

<221> SITE

<222> (8)

<223> p-Fluorophenylalanine

<400> 121

Ala Ala Lys Arg Arg Leu Ala Xaa  
1 5

<210> 122

<211> 8

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: p21 derived peptide

<220>

<223> Synthesised with free amino terminus and as the C-terminal carboxamide

<220>

<221> MOD\_RES

<222> (3)

<223> Abu

<220>

<221> SITE

<222> (8)

<223> p-Fluorophenylalanine

<400> 122

Ala Ala Xaa Arg Ser Leu Ile Xaa  
1 5

<210> 123

<211> 8

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: p21 derived peptide

<220>

<223> Synthesised with free amino terminus and as the C-terminal carboxamide

<220>

<221> SITE

<222> (8)

<223> p-Fluorophenylalanine

<400> 123

Ala Ala Lys Gln Arg Leu Ile Xaa  
1 5

<210> 124

<211> 8

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: p21 derived peptide

<220>

<223> Synthesised with free amino terminus and as the C-terminal carboxamide

<220>

<221> SITE

<222> (8)

<223> p-Fluorophenylalanine

<400> 124

Ala Ala Lys Arg Arg Leu Ile Xaa  
1 5

<210> 125

<211> 8

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: p21 derived peptide

<220>

<223> Synthesised with free amino terminus and as the C-terminal carboxamide

<220>

<221> SITE

<222> (8)

<223> p-Fluorophenylalanine

<400> 125

Gly Ala Lys Arg Arg Leu Ile Xaa  
1 5

<210> 126

<211> 8

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: p21 derived peptide

<220>

<223> Synthesised with free amino terminus and as the C-terminal carboxamide

<220>

<221> SITE

<222> (4)

<223> Homoarginine



<220>  
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<222> (8)  
<223> p-Fluorophenylalanine

<400> 126  
Ala Ala Lys Xaa Arg Leu Ile Xaa  
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<210> 127  
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<220>  
<223> Description of Artificial Sequence: p21 derived peptide

<220>  
<223> Synthesised with free amino terminus and as the C-terminal carboxamide

<220>  
<221> SITE  
<222> (8)  
<223> p-Fluorophenylalanine

<400> 127  
Ala Ala Lys Ser Arg Leu Ile Xaa  
1 5

<210> 128  
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<212> PRT  
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<220>  
<223> Description of Artificial Sequence: p21 derived peptide

<220>  
<223> Synthesised with free amino terminus and as the C-terminal carboxamide

<220>  
<221> SITE  
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<223> Xaa = Homoserine

<220>  
<221> SITE  
<222> (8)  
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<400> 128  
Ala Ala Lys Xaa Arg Leu Ile Xaa  
1 5

<210> 129  
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<212> PRT  
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<220>  
<223> Description of Artificial Sequence: p21 derived peptide

<220>  
<223> Synthesised with free amino terminus and as the C-terminal carboxamide

<220>  
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<400> 129  
Ala Ala Lys Arg Lys Leu Ile Xaa  
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<210> 130  
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<212> PRT  
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<220>  
<223> Description of Artificial Sequence: p21 derived peptide

<220>  
<223> Synthesised with free amino terminus and as the C-terminal carboxamide

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<400> 130  
Ala Ala Lys Arg Xaa Leu Ile Xaa  
1 5

<210> 131  
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<212> PRT  
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<220>  
<223> Description of Artificial Sequence: p21 derived peptide

<220>

<223> Synthesised with free amino terminus and as the  
C-terminal carboxamide

<220>

<221> SITE

<222> (8)

<223> p-Fluorophenylalanine

<400> 131

Ala Ala Lys Arg Gln Leu Ile Xaa  
1 5

<210> 132

<211> 8

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<220>

<223> Description of Artificial Sequence: p21 derived  
peptide

<220>

<223> Synthesised with free amino terminus and as the  
C-terminal carboxamide

<220>

<221> SITE

<222> (5)

<223> Xaa = Homoserine

<220>

<221> SITE

<222> (8)

<223> p-Fluorophenylalanine

<400> 132

Ala Ala Lys Arg Xaa Leu Ile Xaa  
1 5

<210> 133

<211> 8

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: p21 derived  
peptide

<220>

<223> Synthesised with free amino terminus and as the  
C-terminal carboxamide

<220>

<221> SITE

<222> (8)

<223> p-Fluorophenylalanine

<400> 133

Ala Ala Lys Arg Thr Leu Ile Xaa

1

5

<210> 134  
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C-terminal carboxamide  
  
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<222> (5)  
<223> Nva  
  
<220>  
<221> SITE  
<222> (8)  
<223> p-Fluorophenylalanine  
  
<400> 134  
Ala Ala Lys Arg Xaa Leu Ile Xaa  
1 5

<210> 135  
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<223> Description of Artificial Sequence: p21 derived  
peptide  
  
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<223> Synthesised with free amino terminus and as the  
C-terminal carboxamide  
  
<220>  
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<222> (6)  
<223> Xaa = Phenylglycine  
  
<220>  
<221> SITE  
<222> (8)  
<223> p-Fluorophenylalanine  
  
<400> 135  
Ala Ala Lys Arg Arg Xaa Ile Xaa  
1 5

<210> 136  
<211> 8

<212> PRT  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: p21 derived peptide

<220>  
<223> Synthesised with free amino terminus and as the C-terminal carboxamide

<220>  
<221> SITE  
<222> (8)  
<223> p-Fluorophenylalanine

<400> 136  
Ala Ala Lys Arg Arg Met Ile Xaa  
1 5

<210> 137  
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<220>  
<223> Description of Artificial Sequence: p21 derived peptide

<220>  
<223> Synthesised with free amino terminus and as the C-terminal carboxamide

<220>  
<221> SITE  
<222> (8)  
<223> p-Fluorophenylalanine

<400> 137  
Ala Ala Lys Arg Arg Ala Ile Xaa  
1 5

<210> 138  
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<220>  
<223> Description of Artificial Sequence: p21 derived peptide

<220>  
<223> Synthesised with free amino terminus and as the C-terminal carboxamide

<220>  
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<222> (6)  
<223> Xaa = Homophenylalanine

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<400> 138  
Ala Ala Lys Arg Arg Xaa Ile Xaa  
1 5

<210> 139  
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<212> PRT  
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<220>  
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<220>  
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C-terminal carboxamide

<220>  
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<220>  
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<400> 139  
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1 5

<210> 140  
<211> 8  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: p21 derived  
peptide

<220>  
<223> Synthesised with free amino terminus and as the  
C-terminal carboxamide

<220>  
<221> SITE  
<222> (6)  
<223> Xaa = allo-Isoleucine

<220>  
<221> SITE  
<222> (8)  
<223> p-Fluorophenylalanine

<400> 140

Ala Ala Lys Arg Arg Xaa Ile Xaa  
1 5

<210> 141

<211> 8

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: p21 derived peptide

<220>

<223> Synthesised with free amino terminus and as the C-terminal carboxamide

<220>

<221> SITE

<222> (8)

<223> p-Fluorophenylalanine

<400> 141

Ala Ala Lys Arg Arg Leu Gly Xaa  
1 5

<210> 142

<211> 8

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: p21 derived peptide

<220>

<223> Synthesised with free amino terminus and as the C-terminal carboxamide

<220>

<221> MOD\_RES

<222> (7)

<223> bAla

<220>

<221> SITE

<222> (8)

<223> p-Fluorophenylalanine

<400> 142

Ala Ala Lys Arg Arg Leu Xaa Xaa  
1 5

<210> 143

<211> 8

<212> PRT

<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: p21 derived peptide

<220>  
<223> Synthesised with free amino terminus and as the C-terminal carboxamide

<220>  
<221> SITE  
<222> (7)  
<223> Xaa = Phenylglycine

<220>  
<221> SITE  
<222> (8)  
<223> p-Fluorophenylalanine

<400> 143  
Ala Ala Lys Arg Arg Leu Xaa Xaa  
1 5

<210> 144  
<211> 8  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: p21 derived peptide

<220>  
<223> Synthesised with free amino terminus and as the C-terminal carboxamide

<220>  
<221> SITE  
<222> (7)  
<223> Xaa = Aminoisobutyric acid

<220>  
<221> SITE  
<222> (8)  
<223> p-Fluorophenylalanine

<400> 144  
Ala Ala Lys Arg Arg Leu Xaa Xaa  
1 5

<210> 145  
<211> 8  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: p21 derived peptide



<220>

<223> Synthesised with free amino terminus and as the  
C-terminal carboxamide

<220>

<221> MOD\_RES

<222> (7)

<223> MeGly

<220>

<221> SITE

<222> (8)

<223> p-Fluorophenylalanine

<400> 145

Ala Ala Lys Arg Arg Leu Xaa Xaa  
1 5

<210> 146

<211> 8

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: p21 derived  
peptide

<220>

<223> Synthesised with free amino terminus and as the  
C-terminal carboxamide

<220>

<221> SITE

<222> (8)

<223> p-Fluorophenylalanine

<400> 146

Ala Ala Lys Arg Arg Leu Pro Xaa  
1 5

<210> 147

<211> 8

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: p21 derived  
peptide

<220>

<223> Synthesised with free amino terminus and as the  
C-terminal carboxamide

<220>

<221> SITE

<222> (7)

<223> Xaa = t-Butylglycine

<220>

<221> SITE  
<222> (8)  
<223> p-Fluorophenylalanine

<400> 147  
Ala Ala Lys Arg Arg Leu Xaa Xaa  
1 5

<210> 148  
<211> 8  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: p21 derived  
peptide

<220>  
<223> Synthesised with free amino terminus and as the  
C-terminal carboxamide

<220>  
<221> SITE  
<222> (8)  
<223> p-Fluorophenylalanine

<400> 148  
Ala Ala Lys Arg Arg Leu Ser Xaa  
1 5

<210> 149  
<211> 8  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: p21 derived  
peptide

<220>  
<223> Synthesised with free amino terminus and as the  
C-terminal carboxamide

<220>  
<221> SITE  
<222> (8)  
<223> p-Fluorophenylalanine

<400> 149  
Ala Ala Lys Arg Arg Leu Asp Xaa  
1 5

<210> 150  
<211> 8  
<212> PRT  
<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: p21 derived peptide

<220>

<223> Synthesised with free amino terminus and as the C-terminal carboxamide

<220>

<221> SITE

<222> (8)

<223> p-Fluorophenylalanine

<400> 150

Ala Ala Lys Arg Arg Leu Asn Xaa  
1 5

<210> 151

<211> 8

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: p21 derived peptide

<220>

<223> Synthesised with free amino terminus and as the C-terminal carboxamide

<220>

<221> SITE

<222> (7)

<223> Xaa = p-Fluorophenylalanine

<400> 151

Ala Ala Lys Arg Arg Leu Xaa Phe  
1 5

<210> 152

<211> 8

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: p21 derived peptide

<220>

<223> Synthesised with free amino terminus and as the C-terminal carboxamide

<220>

<221> SITE

<222> (7)

<223> Xaa = m,p-Dichlorophenylalanine

<400> 152

Ala Ala Lys Arg Arg Leu Xaa Phe  
1 5

<210> 153  
<211> 8  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: p21 derived peptide

<220>  
<223> Synthesised with free amino terminus and as the C-terminal carboxamide

<220>  
<221> SITE  
<222> (7)  
<223> Xaa = p-Chlorophenylalanine

<400> 153  
Ala Ala Lys Arg Arg Leu Xaa Phe  
1 5

<210> 154  
<211> 8  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: p21 derived peptide

<220>  
<223> Synthesised with free amino terminus and as the C-terminal carboxamide

<220>  
<221> SITE  
<222> (7)  
<223> Xaa = m-Chlorophenylalanine

<400> 154  
Ala Ala Lys Arg Arg Leu Xaa Phe  
1 5

<210> 155  
<211> 8  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: p21 derived peptide

<220>  
<223> Synthesised with free amino terminus and as the C-terminal carboxamide

<220>  
<221> SITE  
<222> (7)  
<223> Xaa = o-Chlorophenylalanine

<400> 155  
Ala Ala Lys Arg Arg Leu Xaa Phe  
1 5

<210> 156  
<211> 8  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: p21 derived peptide

<220>  
<223> Synthesised with free amino terminus and as the C-terminal carboxamide

<220>  
<221> SITE  
<222> (7)  
<223> Xaa = p-Iodophenylalanine

<400> 156  
Ala Ala Lys Arg Arg Leu Xaa Phe  
1 5

<210> 157  
<211> 8  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: p21 derived peptide

<220>  
<223> Synthesised with free amino terminus and as the C-terminal carboxamide

<220>  
<221> SITE  
<222> (7)  
<223> Xaa = O-Methyltyrosine

<400> 157  
Ala Ala Lys Arg Arg Leu Xaa Phe  
1 5

<210> 158  
<211> 8  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: p21 derived peptide

<220>  
<223> Synthesised with free amino terminus and as the C-terminal carboxamide

<220>  
<221> SITE  
<222> (7)  
<223> Xaa = 2-Thienylalanine

<400> 158  
Ala Ala Lys Arg Arg Leu Xaa Phe  
1 5

<210> 159  
<211> 8  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: p21 derived peptide

<220>  
<223> Synthesised with free amino terminus and as the C-terminal carboxamide

<220>  
<221> SITE  
<222> (7)  
<223> Xaa = 3-Pyridylalanine

<400> 159  
Ala Ala Lys Arg Arg Leu Xaa Phe  
1 5

<210> 160  
<211> 8  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: p21 derived peptide

<220>  
<223> Synthesised with free amino terminus and as the C-terminal carboxamide

<220>  
<221> SITE  
<222> (8)  
<223> Xaa = m,p-Dichlorophenylalanine

<400> 160  
Ala Ala Lys Arg Arg Leu Ile Xaa

1

5

<210> 161  
<211> 8  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: p21 derived peptide

<220>  
<223> Synthesised with free amino terminus and as the C-terminal carboxamide

<220>  
<221> SITE  
<222> (8)  
<223> Xaa = p-Chlorophenylalanine

<400> 161  
Ala Ala Lys Arg Arg Leu Ile Xaa  
1 5

<210> 162  
<211> 8  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: p21 derived peptide

<220>  
<223> Synthesised with free amino terminus and as the C-terminal carboxamide

<220>  
<221> SITE  
<222> (8)  
<223> Xaa = m-Chlorophenylalanine

<400> 162  
Ala Ala Lys Arg Arg Leu Ile Xaa  
1 5

<210> 163  
<211> 8  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: p21 derived peptide

<220>  
<223> Synthesised with free amino terminus and as the C-terminal carboxamide

<220>  
<221> SITE  
<222> (8)  
<223> Xaa = o-Chlorophenylalanine

<400> 163  
Ala Ala Lys Arg Arg Leu Ile Xaa  
1 5

<210> 164  
<211> 8  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: p21 derived peptide

<220>  
<223> Synthesised with free amino terminus and as the C-terminal carboxamide

<220>  
<221> SITE  
<222> (8)  
<223> Xaa = Phenylglycine

<400> 164  
Ala Ala Lys Arg Arg Leu Ile Xaa  
1 5

<210> 165  
<211> 8  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: p21 derived peptide

<220>  
<223> Synthesised with free amino terminus and as the C-terminal carboxamide

<220>  
<221> SITE  
<222> (8)  
<223> Xaa = O-Methyltyrosine

<400> 165  
Ala Ala Lys Arg Arg Leu Ile Xaa  
1 5

<210> 166  
<211> 8  
<212> PRT  
<213> Artificial Sequence



<220>  
<223> Description of Artificial Sequence: p21 derived peptide

<220>  
<223> Synthesised with free amino terminus and as the C-terminal carboxamide

<220>  
<221> SITE  
<222> (8)  
<223> Xaa = 2-Thienylalanine

<400> 166  
Ala Ala Lys Arg Arg Leu Ile Xaa  
1 5

<210> 167  
<211> 8  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: p21 derived peptide

<220>  
<223> Synthesised with free amino terminus and as the C-terminal carboxamide

<220>  
<221> SITE  
<222> (8)  
<223> Xaa = 3-Pyridylalanine

<400> 167  
Ala Ala Lys Arg Arg Leu Ile Xaa  
1 5

<210> 168  
<211> 8  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: p21 derived peptide

<220>  
<223> Synthesised with free amino terminus and as the C-terminal carboxamide

<220>  
<221> SITE  
<222> (8)  
<223> Xaa = 2-Indolecarboxylic acid

<400> 168

Ala Ala Lys Arg Arg Leu Ile Xaa  
1 5

<210> 169

<211> 8

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: p21 derived peptide

<220>

<223> Cyclic peptide (5,8-cyclo-)

<400> 169

His Ala Lys Arg Lys Leu Phe Gly  
1 5

<210> 170

<211> 8

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: p21 derived peptide

<220>

<223> Cyclic peptide (5,8-cyclo-)

<220>

<221> MOD\_RES

<222> (5)

<223> Orn

<400> 170

His Ala Lys Arg Xaa Leu Phe Gly  
1 5

<210> 171

<211> 8

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: p21 derived peptide

<220>

<223> Synthesised with free amino terminus and as the C-terminal carboxamide

<220>

<221> SITE

<222> (1)

<223> Xaa = D-His

<400> 171

Xaa Ala Lys Arg Arg Leu Ile Phe  
1 5

<210> 172

<211> 8

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: p21 derived  
peptide

<220>

<223> Synthesised with free amino terminus and as the  
C-terminal carboxamide

<400> 172

Ala Ala Lys Arg Arg Leu Ile Phe  
1 5

<210> 173

<211> 7

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: p21 derived  
peptide

<220>

<223> Synthesised with free amino terminus and as the  
C-terminal carboxamide

<400> 173

Ala Lys Arg Arg Leu Ile Phe  
1 5

<210> 174

<211> 8

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: p21 derived  
peptide

<220>

<223> Synthesised with free amino terminus and as the  
C-terminal carboxamide

<220>

<221> SITE

<222> (1)

<223> Xaa = 2-Thienylalanine

<400> 174

Xaa Ala Lys Arg Arg Leu Ile Phe

1

5

<210> 175  
<211> 8  
<212> PRT  
<213> Artificial Sequence  
  
<220>  
<223> Description of Artificial Sequence: p21 derived  
peptide  
  
<220>  
<223> Synthesised with free amino terminus and as the  
C-terminal carboxamide  
  
<220>  
<221> SITE  
<222> (1)  
<223> Xaa = Homoserine  
  
<400> 175  
Xaa Ala Lys Arg Arg Leu Ile Phe  
1 5

<210> 176  
<211> 8  
<212> PRT  
<213> Artificial Sequence  
  
<220>  
<223> Description of Artificial Sequence: p21 derived  
peptide  
  
<220>  
<223> Synthesised with free amino terminus and as the  
C-terminal carboxamide  
  
<400> 176  
Phe Ala Lys Arg Arg Leu Ile Phe  
1 5

<210> 177  
<211> 8  
<212> PRT  
<213> Artificial Sequence  
  
<220>  
<223> Description of Artificial Sequence: p21 derived  
peptide  
  
<220>  
<223> Synthesised with free amino terminus and as the  
C-terminal carboxamide  
  
<220>  
<221> SITE  
<222> (1)  
<223> Xaa = 1,3-Diaminobutyric acid

<400> 177

Xaa Ala Lys Arg Arg Leu Ile Phe  
1 5

<210> 178

<211> 8

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: p21 derived peptide

<220>

<223> Synthesised with free amino terminus and as the C-terminal carboxamide

<220>

<221> MOD\_RES

<222> (2)

<223> Abu

<400> 178

His Xaa Lys Arg Arg Leu Ile Phe  
1 5

<210> 179

<211> 8

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: p21 derived peptide

<220>

<223> Synthesised with free amino terminus and as the C-terminal carboxamide

<400> 179

His Val Lys Arg Arg Leu Ile Phe  
1 5

<210> 180

<211> 8

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: p21 derived peptide

<220>

<223> Synthesised with free amino terminus and as the C-terminal carboxamide

<400> 180

His Ala Arg Arg Arg Leu Ile Phe  
1 5

<210> 181

<211> 8

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: p21 derived peptide

<220>

<223> Synthesised with free amino terminus and as the C-terminal carboxamide

<400> 181

His Ala Lys Arg Arg Ile Ile Phe  
1 5

<210> 182

<211> 8

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: p21 derived peptide

<220>

<223> Synthesised with free amino terminus and as the C-terminal carboxamide

<400> 182

His Ala Lys Arg Arg Leu Leu Phe  
1 5

<210> 183

<211> 7

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: p21 derived peptide

<220>

<223> Synthesised with free amino terminus and as the C-terminal carboxamide

<220>

<221> SITE

<222> (7)

<223> p-Fluorophenylalanine

<400> 183

Ala Lys Arg Arg Leu Ile Xaa  
1 5

<210> 184  
<211> 5  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: Inhibitory  
motif

<400> 184  
Arg Arg Leu Ile Phe  
1 5

<210> 185  
<211> 8  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: p21 derived  
peptide

<400> 185  
Lys Arg Arg Leu Ile Phe Ser Lys  
1 5

<210> 186  
<211> 8  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: E2F1 derived  
peptide

<400> 186  
Pro Val Lys Arg Arg Leu Asp Leu  
1 5

<210> 187  
<211> 8  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: E2F1 derived  
peptide

<400> 187  
Pro Val Lys Arg Arg Leu Phe Gly  
1 5

<210> 188  
<211> 7  
<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: p21 derived peptide

<220>

<221> SITE

<222> (1)

<223> Xaa may be Ser or Ala or a straight or branched chain amino

<220>

<221> SITE

<222> (6)

<223> Xaa may be any amino acid

<400> 188

Xaa Lys Arg Arg Leu Xaa Phe  
1 5

<210> 189

<211> 8

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: p21 derived peptide

<220>

<221> SITE

<222> (2)

<223> Xaa may be Ser or Ala or a straight or branched chain amino

<220>

<221> SITE

<222> (8)

<223> Xaa may be any amino acid

<400> 189

His Xaa Lys Arg Arg Leu Phe Xaa  
1 5

<210> 190

<211> 8

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: p27 derived peptide

<400> 190

Ser Ala Cys Arg Asn Leu Phe Gly  
1 5



<210> 191  
<211> 8  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: Modelled  
cyclic peptide

<400> 191  
Ser Ala Cys Arg Lys Leu Phe Gly  
1 5

<210> 192  
<211> 9  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: Immobilised  
peptide

<220>  
<221> SITE  
<222> 1  
<223> Xaa = e-Aminohexanoic acid

<400> 192  
Xaa His Ala Lys Arg Arg Leu Ile Phe  
1 5

<210> 193  
<211> 20  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: p21 derived  
peptide

<400> 193  
Thr Ser Met Thr Asp Phe Tyr His Ser Lys Arg Arg Leu Ile Phe Ser  
1 5 10 15

Lys Arg Lys Pro  
20

<210> 194  
<211> 12  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: p21 derived  
peptide

<400> 194  
Thr Ser Met Thr Asp Phe Tyr His Ser Lys Arg Arg

1 5 10

<210> 195  
<211> 12  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: p21 derived peptide

<400> 195  
Ser Met Thr Asp Phe Tyr His Ser Lys Arg Arg Leu  
1 5 10

<210> 196  
<211> 12  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: p21 derived peptide

<400> 196  
Met Thr Asp Phe Tyr His Ser Lys Arg Arg Leu Ile  
1 5 10

<210> 197  
<211> 12  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: p21 derived peptide

<400> 197  
Phe Tyr His Ser Lys Arg Arg Leu Ile Phe Ser Lys  
1 5 10

<210> 198  
<211> 12  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: p21 derived peptide

<400> 198  
Tyr His Ser Lys Arg Arg Leu Ile Phe Ser Lys Arg  
1 5 10

<210> 199  
<211> 12

<212> PRT  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: p21 derived  
peptide

<400> 199  
His Ser Lys Arg Arg Leu Ile Phe Ser Lys Arg Lys  
1 5 10

<210> 200  
<211> 12  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: p21 derived  
peptide

<400> 200  
Ser Lys Arg Arg Leu Ile Phe Ser Lys Arg Lys Pro  
1 5 10

<210> 201  
<211> 12  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: p21 derived  
peptide

<400> 201  
Asp Phe Tyr His Ser Lys Ala Arg Leu Ile Phe Ser  
1 5 10

<210> 202  
<211> 12  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: p21 derived  
peptide

<400> 202  
Asp Phe Tyr His Ser Lys Arg Arg Ala Ile Phe Ser  
1 5 10

<210> 203  
<211> 12  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: p21 derived

peptide

<400> 203

Asp Phe Tyr His Ser Lys Arg Arg Leu Ile Ala Ser  
1 5 10

<210> 204

<211> 10

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: p21 derived  
peptide

<400> 204

Asp Phe Tyr His Ser Lys Arg Arg Leu Ile  
1 5 10

<210> 205

<211> 9

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: p21 derived  
peptide

<400> 205

Asp Phe Tyr His Ser Lys Arg Arg Leu  
1 5

<210> 206

<211> 8

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: p21 derived  
peptide

<400> 206

Asp Phe Tyr His Ser Lys Arg Arg  
1 5

<210> 207

<211> 7

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: p21 derived  
peptide

<400> 207

Asp Phe Tyr His Ser Lys Arg  
1 5

<210> 208  
<211> 6  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: p21 derived  
peptide

<400> 208  
Asp Phe Tyr His Ser Lys  
1 5

<210> 209  
<211> 9  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: p21 derived  
peptide

<400> 209  
Phe Tyr His Ser Lys Arg Arg Leu Ile  
1 5

<210> 210  
<211> 8  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: p21 derived  
peptide

<400> 210  
Phe Tyr His Ser Lys Arg Arg Leu  
1 5

<210> 211  
<211> 7  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: p21 derived  
peptide

<400> 211  
Phe Tyr His Ser Lys Arg Arg  
1 5

<210> 212  
<211> 6  
<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: p21 derived peptide

<400> 212

Phe Tyr His Ser Lys Arg  
1 5

<210> 213

<211> 8

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: p21 derived peptide

<400> 213

Tyr His Ser Lys Arg Arg Leu Ile  
1 5

<210> 214

<211> 7

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: p21 derived peptide

<400> 214

Tyr His Ser Lys Arg Arg Leu  
1 5

<210> 215

<211> 6

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: p21 derived peptide

<400> 215

Tyr His Ser Lys Arg Arg  
1 5

<210> 216

<211> 5

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: p21 derived peptide

<400> 216  
Tyr His Ser Lys Arg  
1 5

<210> 217  
<211> 7  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: p21 derived  
peptide

<400> 217  
His Ser Lys Arg Arg Leu Ile  
1 5

<210> 218  
<211> 6  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: p21 derived  
peptide

<400> 218  
His Ser Lys Arg Arg Leu  
1 5

<210> 219  
<211> 8  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: p21 derived  
peptide

<400> 219  
Lys Arg Arg Leu Ile Phe Ser Lys  
1 5

<210> 220  
<211> 8  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: p21 derived  
peptide

<400> 220  
His Ser Lys Arg Arg Leu Asp Leu  
1 5

<210> 221  
<211> 8  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: E2F1 peptide

<400> 221  
Pro Val Lys Arg Arg Leu Asp Leu  
1 5

<210> 222  
<211> 8  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: p107 peptide

<400> 222  
Ser Ala Lys Arg Arg Leu Phe Gly  
1 5

<210> 223  
<211> 11  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: pRb-derived  
peptide

<400> 223  
Asp Phe Tyr His Ala Lys Arg Arg Leu Ile Phe  
1 5 10

<210> 224  
<211> 15  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: pRb-derived  
peptide

<400> 224  
Ser Asn Pro Pro Lys Pro Leu Lys Lys Leu Arg Phe Asp Ile Glu  
1 5 10 15

<210> 225  
<211> 8  
<212> PRT  
<213> Artificial Sequence

<220>



<223> Description of Artificial Sequence: pRb-derived peptide

<400> 225

Lys Pro Leu Lys Lys Leu Arg Phe  
1 5

<210> 226

<211> 9

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Immobilised peptide

<220>

<221> SITE

<222> 1

<223> Xaa = e-Aminohexanoic acid

<400> 226

Xaa Lys Pro Leu Lys Lys Leu Arg Phe  
1 5

<210> 227

<211> 8

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: p21 derived peptide

<220>

<221> SITE

<222> (2)

<223> Xaa = D- Ala

<400> 227

His Xaa Lys Arg Arg Leu Ile Phe  
1 5

<210> 228

<211> 8

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: p21 derived peptide

<220>

<221> SITE

<222> (3)  
<223> Xaa = D- Lys

<400> 228  
His Ala Xaa Arg Arg Leu Ile Phe  
1 5

<210> 229  
<211> 8  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: p21 derived  
peptide

<220>  
<221> SITE  
<222> (4)  
<223> Xaa = D-Arg

<400> 229  
His Ala Lys Xaa Arg Leu Ile Phe  
1 5

<210> 230  
<211> 8  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: p21 derived  
peptide

<220>  
<221> SITE  
<222> (5)  
<223> Xaa = D-Arg

<400> 230  
His Ala Lys Arg Xaa Leu Ile Phe  
1 5

<210> 231  
<211> 8  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: p21 derived  
peptide

<220>  
<221> SITE

<222> (7)

<223> Xaa = D-Ile

<400> 231

His Ala Lys Arg Arg Leu Xaa Phe  
1 5

<210> 232

<211> 8

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: p21 derived  
peptide

<220>

<221> SITE

<222> (8)

<223> Xaa = D-Phe

<400> 232

His Ala Lys Arg Arg Leu Ile Xaa  
1 5

<210> 233

<211> 8

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Peptide  
analogue

<220>

<223> Synthesised with free amino terminus and as the  
C-terminal carboxamide

<400> 233

Ala Ala Lys Arg Arg Leu Phe Gly  
1 5

<210> 234

<211> 8

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Peptide  
analogue

<220>

<223> Synthesised with free amino terminus and as the  
C-terminal carboxamide

<220>

<221> SITE  
<222> (4)  
<223> Xaa = Homoarginine

<400> 234  
Ala Ala Lys Xaa Arg Leu Phe Gly  
1 5

<210> 235  
<211> 8  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: Peptide  
analogue

<220>  
<223> Synthesised with free amino terminus and as the  
C-terminal carboxamide

<400> 235  
Ala Ala Lys Ser Arg Leu Phe Gly  
1 5

<210> 236  
<211> 8  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: Peptide  
analogue

<220>  
<223> Synthesised with free amino terminus and as the  
C-terminal carboxamide

<220>  
<221> SITE  
<222> (4)  
<223> Xaa = Homoserine

<400> 236  
Ala Ala Lys Xaa Arg Leu Phe Gly  
1 5

<210> 237  
<211> 8  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: Peptide  
analogue

<220>  
<223> Synthesised with free amino terminus and as the

## C-terminal carboxamide

&lt;400&gt; 237

Ala Ala Lys Arg Lys Leu Phe Gly  
1 5

&lt;210&gt; 238

&lt;211&gt; 8

&lt;212&gt; PRT

&lt;213&gt; Artificial Sequence

&lt;220&gt;

<223> Description of Artificial Sequence: Peptide  
analogue

&lt;220&gt;

<223> Synthesised with free amino terminus and as the  
C-terminal carboxamide

&lt;220&gt;

&lt;221&gt; MOD\_RES

&lt;222&gt; (5)

&lt;223&gt; Orn

&lt;400&gt; 238

Ala Ala Lys Arg Xaa Leu Phe Gly  
1 5

&lt;210&gt; 239

&lt;211&gt; 8

&lt;212&gt; PRT

&lt;213&gt; Artificial Sequence

&lt;220&gt;

<223> Description of Artificial Sequence: Peptide  
analogue

&lt;220&gt;

<223> Synthesised with free amino terminus and as the  
C-terminal carboxamide

&lt;400&gt; 239

Ala Ala Lys Arg Gln Leu Phe Gly  
1 5

&lt;210&gt; 240

&lt;211&gt; 8

&lt;212&gt; PRT

&lt;213&gt; Artificial Sequence

&lt;220&gt;

<223> Description of Artificial Sequence: Peptide  
analogue

&lt;220&gt;

<223> Synthesised with free amino terminus and as the  
C-terminal carboxamide

<220>  
<221> SITE  
<222> (5)  
<223> Xaa = Homoserine

<400> 240  
Ala Ala Lys Arg Xaa Leu Phe Gly  
1 5

<210> 241  
<211> 8  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: Peptide  
analogue

<220>  
<223> Synthesised with free amino terminus and as the  
C-terminal carboxamide

<400> 241  
Ala Ala Lys Arg Thr Leu Phe Gly  
1 5

<210> 242  
<211> 8  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: Peptide  
analogue

<220>  
<223> Synthesised with free amino terminus and as the  
C-terminal carboxamide

<220>  
<221> MOD\_RES  
<222> (5)  
<223> Nva

<400> 242  
Ala Ala Lys Arg Xaa Leu Phe Gly  
1 5

<210> 243  
<211> 8  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: Peptide  
analogue

<220>

<223> Synthesised with free amino terminus and as the  
C-terminal carboxamide

<400> 243

Ala Ala Lys Arg Arg Met Phe Gly  
1 5

<210> 244

<211> 8

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Peptide  
analogue

<220>

<223> Synthesised with free amino terminus and as the  
C-terminal carboxamide

<400> 244

Ala Ala Lys Arg Arg Ala Phe Gly  
1 5

<210> 245

<211> 8

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Peptide  
analogue

<220>

<223> Synthesised with free amino terminus and as the  
C-terminal carboxamide

<220>

<221> SITE

<222> (6)

<223> Xaa = Homophenylalanine

<400> 245

Ala Ala Lys Arg Arg Xaa Phe Gly  
1 5

<210> 246

<211> 8

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Peptide  
analogue

<220>

<223> Synthesised with free amino terminus and as the  
C-terminal carboxamide

<220>  
<221> SITE  
<222> (6)  
<223> Xaa = Hle

<400> 246  
Ala Ala Lys Arg Arg Xaa Phe Gly  
1 5

<210> 247  
<211> 8  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: Peptide  
analogue

<220>  
<223> Synthesised with free amino terminus and as the  
C-terminal carboxamide

<220>  
<221> SITE  
<222> (6)  
<223> Xaa = allo-Isoleucine

<400> 247  
Ala Ala Lys Arg Arg Xaa Phe Gly  
1 5

<210> 248  
<211> 8  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: Peptide  
analogue

<220>  
<223> Synthesised with free amino terminus and as the  
C-terminal carboxamide

<220>  
<221> SITE  
<222> (7)  
<223> Xaa = 1,2,3,4-Tetrahydroisoquinoline-3-carboxylic acid

<400> 248  
Ala Ala Lys Arg Arg Leu Xaa Gly  
1 5

<210> 249  
<211> 8  
<212> PRT  
<213> Artificial Sequence



<220>

<223> Description of Artificial Sequence: Peptide  
analogue

<220>

<223> Synthesised with free amino terminus and as the  
C-terminal carboxamide

<220>

<221> SITE

<222> (7)

<223> Xaa = Phenylglycine

<400> 249

Ala Ala Lys Arg Arg Leu Xaa Gly  
1 5

<210> 250

<211> 8

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Peptide  
analogue

<220>

<223> Synthesised with free amino terminus and as the  
C-terminal carboxamide

<220>

<221> SITE

<222> (7)

<223> Xaa = p-Fluorophenylalanine

<400> 250

Ala Ala Lys Arg Arg Leu Xaa Gly  
1 5

<210> 251

<211> 8

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Peptide  
analogue

<220>

<223> Synthesised with free amino terminus and as the  
C-terminal carboxamide

<220>

<221> SITE

<222> (7)

<223> Xaa = p-Iodophenylalanine

<400> 251

Ala Ala Lys Arg Arg Leu Xaa Gly  
1 5

<210> 252  
<211> 8  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: Peptide  
analogue

<220>  
<223> Synthesised with free amino terminus and as the  
C-terminal carboxamide

<220>  
<221> SITE  
<222> (7)  
<223> Xaa = 2-Thienylalanine

<400> 252  
Ala Ala Lys Arg Arg Leu Xaa Gly  
1 5

<210> 253  
<211> 8  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: Peptide  
analogue

<220>  
<223> Synthesised with free amino terminus and as the  
C-terminal carboxamide

<220>  
<221> SITE  
<222> (7)  
<223> Xaa = 3-Pyridylalanine

<400> 253  
Ala Ala Lys Arg Arg Leu Xaa Gly  
1 5

<210> 254  
<211> 8  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: Peptide  
analogue

<220>  
<223> Synthesised with free amino terminus and as the

## C-terminal carboxamide

&lt;220&gt;

&lt;221&gt; SITE

&lt;222&gt; (7)

&lt;223&gt; Xaa = m,p-Dichlorophenylalanine

&lt;400&gt; 254

Ala Ala Lys Arg Arg Leu Xaa Gly

1

5

&lt;210&gt; 255.

&lt;211&gt; 8

&lt;212&gt; PRT

&lt;213&gt; Artificial Sequence

&lt;220&gt;

<223> Description of Artificial Sequence: Peptide  
analogue

&lt;220&gt;

<223> Synthesised with free amino terminus and as the  
C-terminal carboxamide

&lt;220&gt;

&lt;221&gt; SITE

&lt;222&gt; (7)

&lt;223&gt; Xaa = p-Chlorophenylalanine

&lt;400&gt; 255

Ala Ala Lys Arg Arg Leu Xaa Gly

1

5

&lt;210&gt; 256

&lt;211&gt; 8

&lt;212&gt; PRT

&lt;213&gt; Artificial Sequence

&lt;220&gt;

<223> Description of Artificial Sequence: Peptide  
analogue

&lt;220&gt;

<223> Synthesised with free amino terminus and as the  
C-terminal carboxamide

&lt;220&gt;

&lt;221&gt; SITE

&lt;222&gt; (7)

&lt;223&gt; Xaa = m-Chlorophenylalanine

&lt;400&gt; 256

Ala Ala Lys Arg Arg Leu Xaa Gly

1

5

&lt;210&gt; 257

&lt;211&gt; 8

&lt;212&gt; PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Peptide  
analogue

<220>

<223> Synthesised with free amino terminus and as the  
C-terminal carboxamide

<220>

<221> SITE

<222> (7)

<223> Xaa = o-Chlorophenylalanine

<400> 257

Ala Ala Lys Arg Arg Leu Xaa Gly  
1 5

<210> 258

<211> 8

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Peptide  
analogue

<220>

<223> Synthesised with free amino terminus and as the  
C-terminal carboxamide

<220>

<221> SITE

<222> (7)

<223> Xaa = 1-Naphthylalanine

<400> 258

Ala Ala Lys Arg Arg Leu Xaa Gly  
1 5

<210> 259

<211> 8

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Peptide  
analogue

<220>

<223> Synthesised with free amino terminus and as the  
C-terminal carboxamide

<220>

<221> SITE

<222> (7)

<223> Xaa = 2-Naphthylalanine

<400> 259

Ala Ala Lys Arg Arg Leu Xaa Gly  
1 5

<210> 260

<211> 8

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Peptide  
analogue

<220>

<223> Synthesised with free amino terminus and as the  
C-terminal carboxamide

<220>

<221> SITE

<222> (7)

<223> Xaa = 2-Indolecarboxylic acid

<400> 260

Ala Ala Lys Arg Arg Leu Xaa Gly  
1 5

<210> 261

<211> 8

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Peptide  
analogue

<220>

<223> Synthesised with free amino terminus and as the  
C-terminal carboxamide

<400> 261

Ala Ala Lys Arg Arg Leu Phe Asp  
1 5

<210> 262

<211> 8

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Peptide  
analogue

<220>

<223> Synthesised with free amino terminus and as the  
C-terminal carboxamide

<400> 262

Ala Ala Lys Arg Arg Leu Phe Glu

1

5

<210> 263

<211> 8

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Peptide  
analogue

<220>

<223> Synthesised with free amino terminus and as the  
C-terminal carboxamide

<400> 263

Ala Ala Lys Arg Arg Leu Phe Ser

1

5

<210> 264

<211> 8

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Peptide  
analogue

<220>

<223> Synthesised with free amino terminus and as the  
C-terminal carboxamide

<400> 264

Ala Ala Lys Arg Arg Leu Phe Asn

1

5

<210> 265

<211> 8

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Peptide  
analogue

<220>

<223> Synthesised with free amino terminus and as the  
C-terminal carboxamide

<400> 265

Ala Ala Lys Arg Arg Leu Phe Gln

1

5

<210> 266

<211> 8

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Peptide  
analogue

<220>

<223> Synthesised with free amino terminus and as the  
C-terminal carboxamide

<400> 266

Ala Ala Lys Arg Arg Leu Phe Lys  
1 5

<210> 267

<211> 8

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: p27 derived  
peptide

<220>

<221> MOD\_RES

<222> (3)

<223> Abu

<400> 267

Ser Ala Xaa Arg Asn Leu Phe Gly  
1 5

<210> 268

<211> 8

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: p21 N-terminus

<220>

<221> MOD\_RES

<222> (3)

<223> Abu

<400> 268

Lys Ala Xaa Arg Arg Leu Phe Gly  
1 5

<210> 269

<211> 8

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: p21 N-terminus  
- LIF hybrid

<220>

<221> MOD\_RES

<222> (3)

<223> Abu

<400> 269

Lys Ala Xaa Arg Arg Leu Ile Phe  
1 5

<210> 270

<211> 6

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: p107 derived  
peptide

<400> 270

Arg Arg Leu Phe Gly Glu  
1 5

<210> 271

<211> 12

<212> PRT

<213> Artificial Sequence

<220>

<221> SITE

<222> (1)

<223> Xaa = e-Aminohexanoic acid

<220>

<223> Description of Artificial Sequence: Immobilised  
peptide

<400> 271

Xaa Asp Phe Tyr His Ser Lys Arg Arg Leu Ile Phe  
1 5 10

<210> 272

<211> 7

<212> PRT

<213> Artificial Sequence

<220>

<221> SITE

<222> (1)

<223> Trityl

<220>

<221> SITE

<222> (2)

<223> But

<220>

<221> SITE

<222> (3)

<223> t-Butyloxycarbonyl



<220>  
<221> SITE  
<222> (4)..(5)  
<223> 2,2,4,6,7-Pentamethyldihydrobenzofuran-5-sulfonyl

<220>  
<223> Description of Artificial Sequence: Assembled  
peptide

<400> 272  
His Ala Lys Arg Arg Leu Ile  
1 5

<210> 273  
<211> 7  
<212> PRT  
<213> Artificial Sequence

<220>  
<221> SITE  
<222> (1)  
<223> Trityl

<220>  
<221> SITE  
<222> (2)  
<223> But

<220>  
<221> SITE  
<222> (3)  
<223> t-Butyloxycarbonyl

<220>  
<221> SITE  
<222> (4)..(5)  
<223> 2,2,4,6,7-Pentamethyldihydrobenzofuran-5-sulfonyl

<220>  
<223> Description of Artificial Sequence: Assembled  
peptide

<400> 273  
His Ser Lys Arg Arg Leu Ile  
1 5

<210> 274  
<211> 8  
<212> PRT  
<213> Artificial Sequence

<220>  
<221> SITE  
<222> (1)  
<223> t-Butyloxycarbonyl

<220>  
<221> SITE

<222> (3)  
<223> t-Butyloxycarbonyl

<220>  
<221> SITE  
<222> (4)  
<223> 2,2,5,7,8-Pentamethylchroman-6-sulfonyl

<220>  
<221> SITE  
<222> (5)  
<223> 4-Methyltrityl

<220>  
<223> Description of Artificial Sequence: Assembled  
peptide

<400> 274  
His Ala Lys Arg Lys Leu Phe Gly  
1 5

<210> 275  
<211> 9  
<212> PRT  
<213> Artificial Sequence

<220>  
<221> MOD\_RES  
<222> (3)  
<223> Abu

<220>  
<223> Description of Artificial Sequence: p27-derived  
peptide

<400> 275  
Ser Ala Xaa Arg Arg Asn Leu Phe Gly  
1 5

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